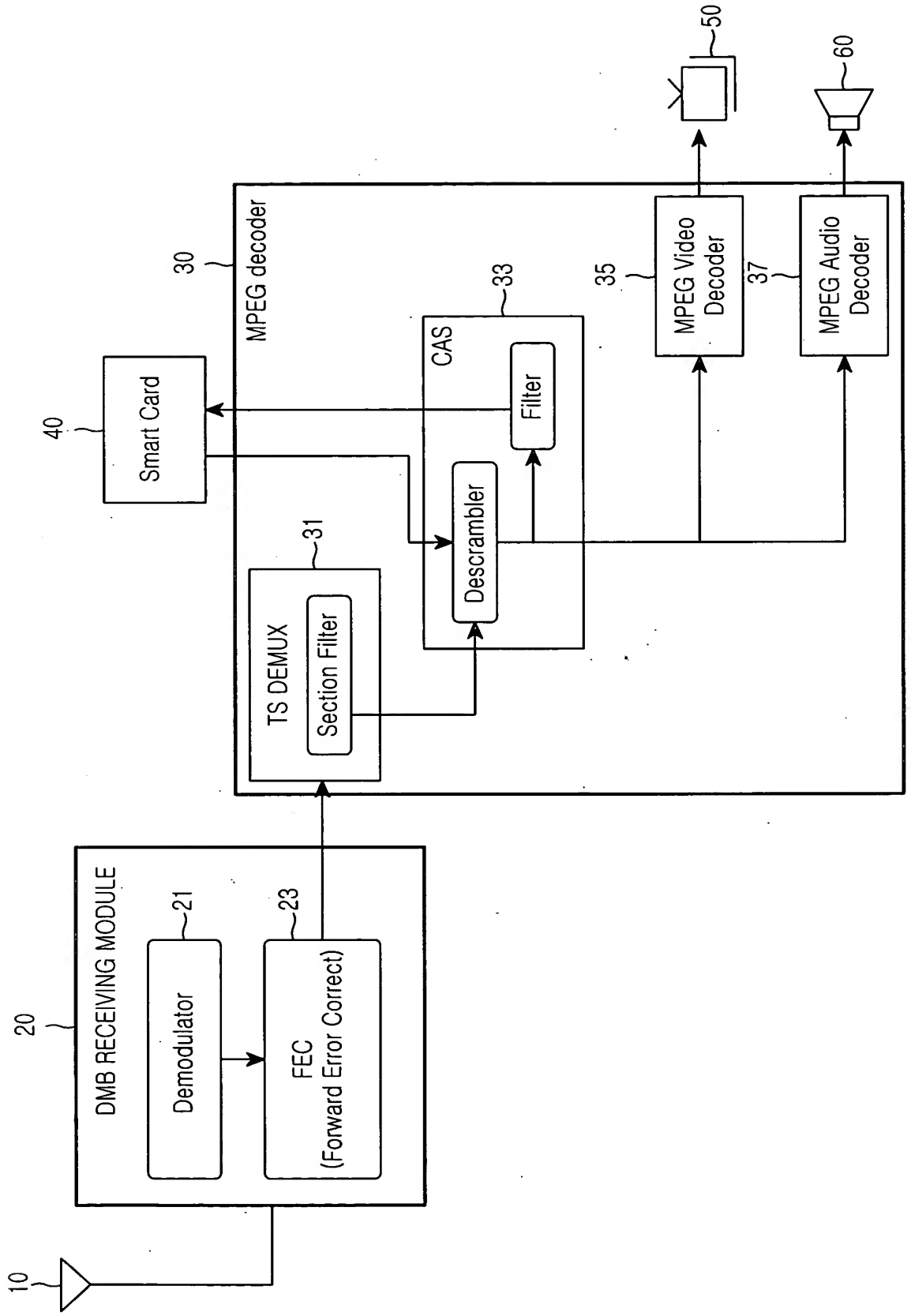
10
20
DMB RECEIVING MODULE
21
Demodulator
23
FEC
(Forward Error Correct)
30
MPEG decoder
31
TS DEMUX
Section Filter
33
CAS
Descrambler
Filter
40
Smart Card
35
MPEG Video Decoder
37
MPEG Audio Decoder
50
60

FIG. 1

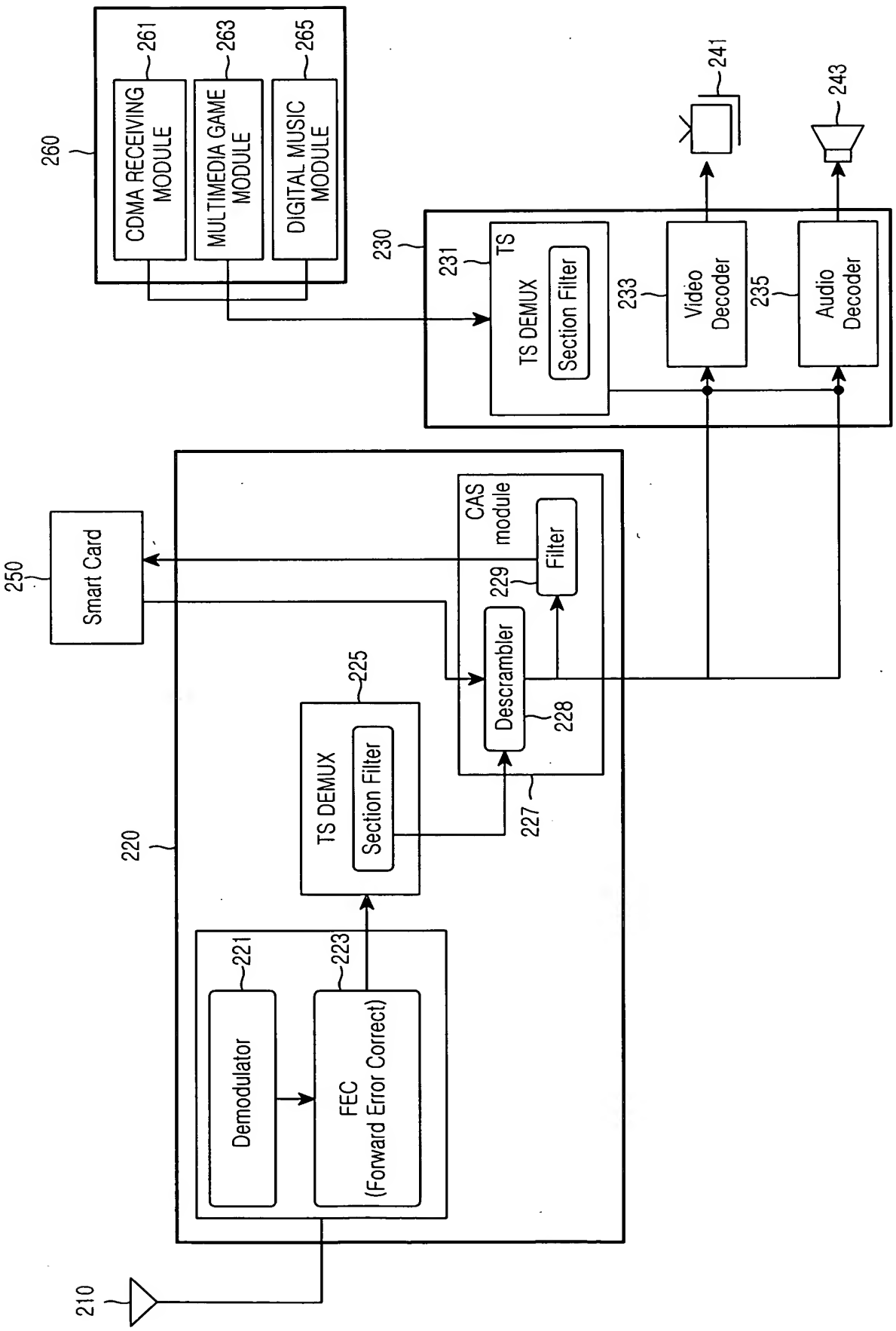
260
CDMA RECEIVING MODULE
261
MULTIMEDIA GAME MODULE
263
DIGITAL MUSIC MODULE
265
230
231
TS
TS DEMUX
Section Filter
233
Video Decoder
235
Audio Decoder
241
243
250
Smart Card
CAS module
Filter
229
Descrambler
228
227
225
TS DEMUX
Section Filter
220
221
Demodulator
223
FEC (Forward Error Correct)
210

FIG.2

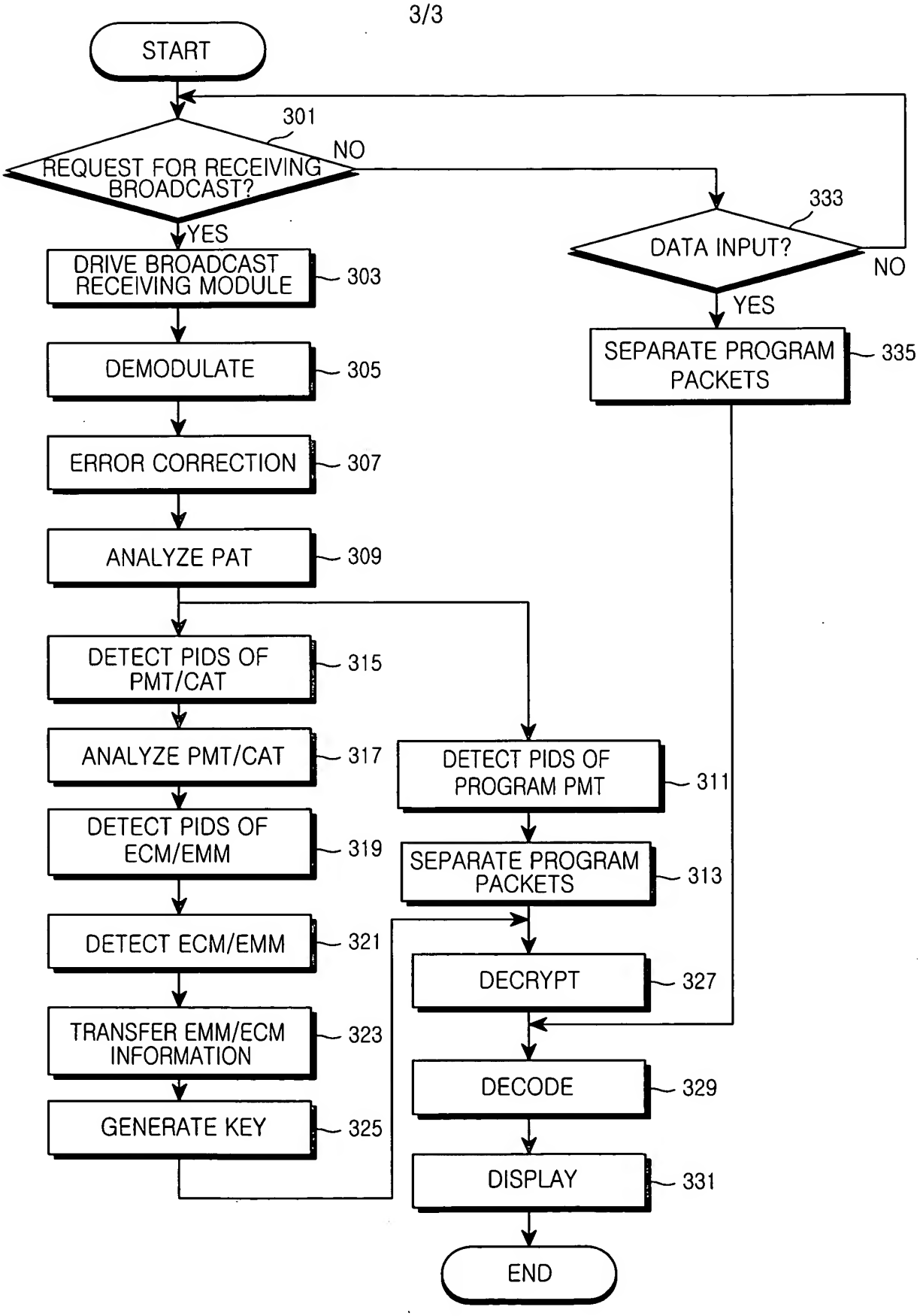
START
301
REQUEST FOR RECEIVING BROADCAST?
NO
YES
DRIVE BROADCAST RECEIVING MODULE
303
DEMODULATE
305
ERROR CORRECTION
307
ANALYZE PAT
309
DETECT PIDS OF PMT/CAT
315
ANALYZE PMT/CAT
317
DETECT PIDS OF ECM/EMM
319
DETECT ECM/EMM
321
TRANSFER EMM/ECM INFORMATION
323
GENERATE KEY
325
333
DATA INPUT?
NO
YES
SEPARATE PROGRAM PACKETS
335
DETECT PIDS OF PROGRAM PMT
311
SEPARATE PROGRAM PACKETS
313
DECRYPT
327
DECODE
329
DISPLAY
331
END

FIG.3